Application No. 10/766,918 Amendment dated May 14, 2007

Reply to Office Action of February 12, 2007

AMENDMENTS TO THE CLAIMS

Docket No.: 21064/0206674-US0

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A magnetic recording medium, comprising a substrate and a

first magnetic layer, wherein the first magnetic layer comprises (a) a Co-containing continuous

matrix comprising at least Co and Cr one or more components and (b) a ferromagnetic portion that

is different from the continuous matrix, the continuous matrix comprises a non-ferromagnetic

material, the ferromagnetic portion comprises a ferromagnetic material, and said ferromagnetic

portion comprises more than zero and less than 5 atomic percent Cr, wherein the continuous matrix

comprises at least 15 atomic percent Cr.

2. (Original) The magnetic recording medium of claim 1, further comprising a

second magnetic layer between the substrate and the first magnetic layer.

3-4. (Canceled).

5. (Original) The magnetic recording medium of claim 2, wherein the first

magnetic layer has Ms > 400 emu/cc and Hc > 3,000 Oe.

6. (Original) The magnetic recording medium of claim 2, wherein a difference in

Ms of the first and second magnetic layers is greater than 100 emu/cc.

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(Previously Presented) The magnetic recording medium of claim 2, wherein

the ferromagnetic portion is a discrete particulate region comprising particles or a co-continuous

region.

8. (Previously Presented) The magnetic recording medium of claim 7, wherein

there is no magnetic exchange coupling between the particles.

9. (Original) The magnetic recording medium of claim 7, wherein the particles

have a mean average particle size of less than 15 nm.

10-20. (Canceled)

21. (Previously Presented) The magnetic recording medium of claim 1,

wherein the ferromagnetic portion comprises CoPt.

22. (Currently amended) The magnetic recording medium of claim 3, wherein

the continuous matrix further comprises Pt.

(New) A magnetic recording medium comprising a magnetic layer, wherein

the magnetic layer comprises (a) a continuous matrix comprising at least Co and Cr and (b) a

ferromagnetic portion that is different from the continuous matrix, the ferromagnetic portion

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comprises more than zero and less than 5 atomic percent Cr, and the continuous matrix comprises at

least 15 atomic percent Cr.

24. (New) The magnetic recording medium of claim 23, wherein the first magnetic layer

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has Ms > 400 emu/cc and Hc > 3,000 Oe.

25. (New) The magnetic recording medium of claim 23, wherein the ferromagnetic

portion is a discrete particulate region comprising particles or a co-continuous region.

26. (New) The magnetic recording medium of claim 25, wherein there is no magnetic

exchange coupling between the particles.

27. (New) The magnetic recording medium of claim 25, wherein the particles have a

mean average particle size of less than 15 nm.

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